

Contents

- Arculus RJ → Bloomfield AL 429-453
 Arculus RJ → Kersting AB 376-388
- Bailey JC, Frolova TI, Burikova IA: Mineralogy, geochemistry and petrogenesis of Kurile island-arc basalts 265-280
- Barsdell M, Smith IEM: Petrology of recrystallized ultramafic xenoliths from Merelava volcano, Vanuatu 230-241
- Bednarz U, Schmincke H-U: Mass transfer during sub-seafloor alteration of the upper Troodos crust (Cyprus) 93-101
- Biggar GM → Libourel G 406-421
- Bloomfield AL, Arculus RJ: Magma mixing in the San Francisco Volcanic Field, AZ. Petrogenesis of the O'Leary Peak and Strawberry Crater Volcanics 429-453
- Boivin P → Libourel G 406-421
- Boudreau AE, McCallum IS: Investigations of the Stillwater Complex: Part V. Apatites as indicators of evolving fluid composition 138-153
- Brown WL: Glide twinning and pseudotwinning in peristerite: twin morphology and propagation 306-312
- Brown WL: Glide twinning and pseudotwinning in peristerite: Si, Al diffusional stabilization and implications for the peristerite solvus 313-320
- Burikova IA → Bailey JC 265-280
- Chappell BW → Hergt JM 298-305
- Chatelain C → DeLong SE 154-162
- Chen J-F → Foland KA 127-137
- Christy AG: The stability of sapphirine + clinopyroxene: implications for phase relations in the $\text{CaO}-\text{MgO}-\text{Al}_2\text{O}_3-\text{SiO}_2$ system under deep-crustal and upper mantle conditions 422-428
- Colson RO, McKay GA, Taylor LA: Partitioning data pertaining to Fe-Mg ordering around trace cations in olivine and low-Ca pyroxene 242-246
- Connolly JAD, Thompson AB: Fluid and enthalpy production during regional metamorphism 347-366
- Delano JW → Kersting AB 376-388
- DeLong SE, Chatelain C: Complementary trace-element fractionation in volcanic and plutonic rocks: imperfect examples from ocean-floor basalts and gabbros 154-162
- Duncan AR → Harris C 454-461
- Edeiman SH → Saleeby JB 205-220
- Eggler DH → Meen JK 462-477
- Erlank AJ → Harris C 454-461
- Erratum 255
- Evans B → Wanamaker BJ 102-111
- Farver JR, Giletti BJ: Patterns and processes of oxygen isotope exchange in a fossil meteoric hydrothermal system, Cuillins Gabbro Complex, Isle of Skye, Scotland 24-33
- Faure G → Hergt JM 298-305
- Ferreira DR → Williams-Jones AE 247-254
- Finnerty AA: Xenolith-derived mantle geotherms: whither the inflection? 367-375
- Fisher GW: Matrix analysis of metamorphic mineral assemblages and reactions 69-77
- Flower MFJ → Viereck LG 112-126
- Foland KA, Chen J-F, Linder JS, Henderson CMB, Whillans IM: High-resolution $^{40}\text{Ar}/^{39}\text{Ar}$ chronology of multiple intrusion igneous complexes. Application to the Cretaceous Mount Bromo complex, Quebec, Canada 127-137
- Frolova TI → Bailey JC 265-280
- Gasparik T: Transformation of enstatite - diopside - jadeite pyroxenes to garnet 389-405
- Ghiorso MS → Sack RO 41-68
- Giletti BJ → Farver JR 24-33
- Gottschalk M → Heinrich W 163-173
- Green TH → Guo J 328-335
- Guo J, Green TH: Barium partitioning between alkali feldspar and silicate liquid at high temperature and pressure 328-335
- Harris C, Smith HS, Milner SC, Erlank AJ, Duncan AR, Marsh JS, Ikin NP: Oxygen isotope geochemistry of the Mesozoic volcanics of the Etendeka Formation, Namibia 454-461
- Hartree R → Kretz R 174-190
- Hartree R → Kretz R 191-204
- Heinrich W, Metz P, Gottschalk M: Experimental investigation of the kinetics of the reaction 1 tremolite + 11 dolomite = 8 forsterite + 13 calcite + 9 CO_2 + 1 H_2O 163-173
- Henderson CMB → Foland KA 127-137
- Hergt JM, Chappell BW, Faure G, Mensing TM: The geochemistry of Jurassic dolerites from Portal Peak, Antarctica 298-305
- Hertogen J → Viereck LG 112-126
- Hervig RL → London D 1-17
- Ikin NP → Harris C 454-461
- Jenner GA → Viereck LG 112-126
- Johnston AD, Wyllie PJ: The system tonalite-peridotite- H_2O at 30 kbar, with applications to hybridization in subduction zone magmatism 257-264
- Jones P → Kretz R 191-204
- Jones RH, MacKenzie WS: Liquidus phase relationships in the system $\text{CaAl}_2\text{Si}_2\text{O}_7-\text{NaAlSi}_3\text{O}_8-\text{KAlSi}_3\text{O}_8-\text{NaAlSiO}_4-\text{KAlSiO}_4$ at $P(\text{H}_2\text{O}) = 5$ kb 78-92
- Keppeler H: The influence of the fluid phase composition on the solidus temperatures in the haplogranite system $\text{NaAlSi}_3\text{O}_8-\text{KAlSi}_3\text{O}_8-\text{SiO}_2-\text{H}_2\text{O}-\text{CO}_2$ 321-327
- Kersting AB, Arculus RJ, Delano JW, Loureiro D: Electrochemical measurements bearing on the oxidation state of the Skaergaard Layered Intrusion 376-388
- Klein C → Miyano T 478-491
- Klemd R: P-T evolution and fluid inclusion characteristics of retrograded eclogites, Münchberg Gneiss Complex, Germany 221-229
- Koyaguchi T → Tatsumi Y 34-40
- Kretz R, Hartree R, Jones P: Metasomatic crystallization of muscovite in granite and tourmaline in schist related to pegmatite emplacement near Yellowknife, Canada 191-204
- Kretz R, Loop J, Hartree R: Petrology and Li-Be-B geochemistry of muscovite-biotite granite and associated pegmatite near Yellowknife, Canada 174-190
- Leshner CE → Zhang Y 492-513
- Libourel G, Boivin P, Biggar GM: The univariant curve $\text{liquid} = \text{forsterite} + \text{anorthite} + \text{diopside}$ in the system CMAS at 1 bar: solid solutions and melt structure 406-421
- Linder JS → Foland KA 127-137
- London D, Morgan GB VI, Hervig RL: Vapor undersaturated experiments with Macusani glass + H_2O at 200 MPa, and the internal differentiation of granitic pegmatites 1-17
- London D → Morgan GB VI 261-297
- Loop J → Kretz R 174-190
- Loureiro D → Kersting AB 376-388
- MacKenzie WS → Jones RH 78-92
- Marsh JS → Harris C 454-461
- McCallum IS → Boudreau AE 138-153
- McKay GA → Colson RO 242-246
- Meen JK, Eggler DH: Chemical and isotopic compositions of Absaroka granitoids, Southwestern Montana. Evidence for deep-seated Archean amphibolite basement in the Beartooth Region 462-477
- Mensing TM → Hergt JM 298-305

- Metz P → Heinrich W 163-173
 Milner SC → Harris C 454-461
 Miyano T, Klein C: Phase equilibria in the system $K_2O-FeO-MgO-Al_2O_3-SiO_2-H_2O-CO_2$ and the stability limit of stilpnomelane in metamorphosed Precambrian iron-formations 476-491
 Moores EM → Saleeby JB 205-220
 Morgan GB VI, London D: Experimental reactions of amphibolite with boron-bearing aqueous fluids at 200 MPa: implications for tourmaline stability and partial melting in mafic rocks 261-297
 Morgan GB VI → London D 1-17
 Niemeyer S → Saleeby JB 205-220
 Peterson TD: Peralkaline nephelinites. II. Low pressure fractionation and the hypsodetic lavas of Oldoinyo Lengai 336-346
 Sack RO, Ghiorso MS: Importance of considerations of mixing properties in establishing an internally consistent thermodynamic database: thermochemistry of minerals in the system $Mg_2SiO_4-Fe_2SiO_4-SiO_2$ 41-68
 Saleeby JB, Shaw HF, Niemeyer S, Moores EM, Edelman SH: U/Pb, Sm/Nd and Rb/Sr geochronological and isotopic study of Northern Sierra Nevada ophiolitic assemblages, California 205-220
 Schmincke H-U → Bednarz U 93-101
 Schmincke H-U → Viereck LG 112-126
 Shaw HF → Saleeby JB 205-220
 Smith HS → Harris C 454-461
 Smith IEM → Barsdell M 230-241
 Tatsumi Y, Koyaguchi T: An absarokite from a phlogopite ilmenite source 34-40
 Taylor LA → Colson RO 242-246
 Thompson AB → Connolly JAD 347-366
 Torssander P: Sulfur isotope ratios of Icelandic rocks 18-23
 Viereck LG, Flower MFJ, Hertogen J, Schmincke H-U, Jenner GA: The genesis and significance of N-MORB subtypes 112-126
 Viereck LG, Flower MFJ, Schmincke H-U, Jenner GA: The genesis and significance of N-MORB subtypes 112-126
 Walker D → Zhang Y 492-513
 Wanamaker BJ, Evans B: Mechanical re-equilibration of fluid inclusions in San Carlos olivine by power-law creep 102-111
 Whillans IM → Foland KA 127-137
 Williams-Jones AE, Ferreira DR: Thermal metamorphism and H_2O-CO_2-NaCl immiscibility at Patapedia, Quebec: evidence from fluid inclusions 247-254
 Wylie PJ → Johnston AD 257-264
 Zhang Y, Walker D, Leshner CE: Diffusive crystal dissolution 492-513
 Subject-Index V
 List of Locations VIII
 Indexed in Current Contents/
 Abstracted in Mineralogical Abstracts

